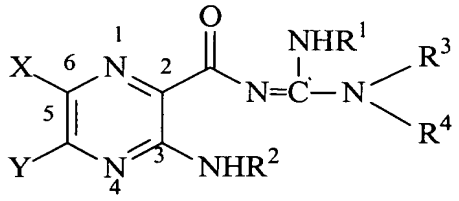
IN THE CLAIMS

The status of each claim is listed below:

Claims 1-208: Canceled.

209. (Previously Presented) A compound represented by formula (I):



(I)

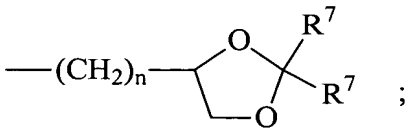
wherein

X is hydrogen, halogen, trifluoromethyl, lower alkyl, unsubstituted or substituted phenyl, lower alkyl-thio, phenyl-lower alkyl-thio, lower alkyl-sulfonyl, or phenyl-lower alkyl-sulfonyl;

Y is hydrogen, hydroxyl, mercapto, lower alkoxy, lower alkyl-thio, halogen, lower alkyl, unsubstituted or substituted mononuclear aryl, or $-N(R^2)_2$;

R^1 is hydrogen or lower alkyl;

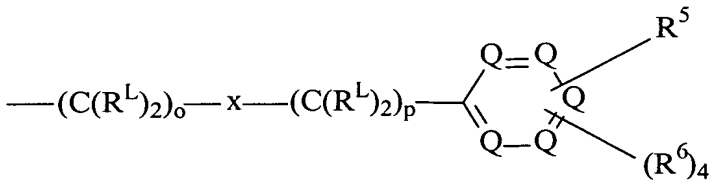
each R^2 is, independently, $-R^7$, $-(CH_2)_m-OR^8$, $-(CH_2)_m-NR^7R^{10}$, $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-(CH_2CH_2O)_m-R^8$, $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$, $-(CH_2)_n-C(=O)NR^7R^{10}$, $-(CH_2)_n-Z_g-R^7$,$-(CH_2)_m-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-(CH_2)_n-CO_2R^7$, or



;

R^3 and R^4 are each, independently, hydrogen, a group represented by formula (A), lower alkyl, hydroxy lower alkyl, phenyl, phenyl-lower alkyl, (halophenyl)-lower alkyl, lower-(alkylphenylalkyl), lower (alkoxyphenyl)-lower alkyl, naphthyl-lower alkyl, or

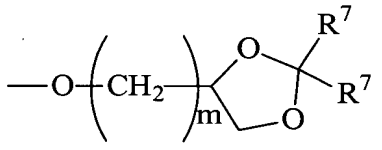
pyridyl- lower alkyl, with the proviso that at least one of R^3 and R^4 is a group represented by formula (A):



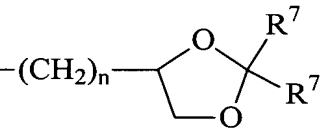
(A)

wherein

each R^L is, independently, $-R^7$, $-(CH_2)_n-OR^8$, $-O-(CH_2)_m-OR^8$, $-(CH_2)_n-NR^7R^{10}$, $-O-(CH_2)_m-NR^7R^{10}$, $-(CH_2)_n(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-O-(CH_2)_m(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-(CH_2CH_2O)_m-R^8$, $-O-(CH_2CH_2O)_m-R^8$, $-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$, $-O-(CH_2CH_2O)_m-CH_2CH_2NR^7R^{10}$, $-(CH_2)_n-C(=O)NR^7R^{10}$, $-O-(CH_2)_m-C(=O)NR^7R^{10}$, $-(CH_2)_n-(Z)_g-R^7$, $-O-(CH_2)_m-(Z)_g-R^7$, $-(CH_2)_n-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-O-(CH_2)_m-NR^{10}-CH_2(CHOR^8)(CHOR^8)_n-CH_2OR^8$, $-(CH_2)_n-CO_2R^7$, $-O-(CH_2)_m-CO_2R^7$, $-OSO_3H$, -O-glucuronide, -O-glucose,



, or



;

each o is, independently, an integer from 0 to 10;

each p is an integer from 0 to 10;

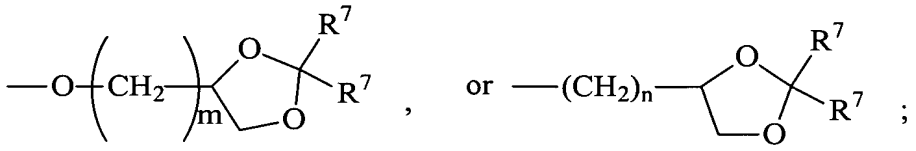
with the proviso that the sum of o and p in each contiguous chain is from 1 to 10;

each x is, independently, O, NR^{10}, C(=O), CHOH, $C(=N-R^{10})$, $CHNR^7R^{10}$, or represents a single bond;

each R^5 is, independently, $-O-CH_2-(C=O)NH-(C=O)CH_3$, $-(CH_2)_n-(C=NH)-NH_2$, $-(CH_2)_n-NH-C(=NH)-NH_2$, $-(CH_2)_n-CONHCH_2(CHOH)_n-CH_2OH$, $-NH-C(=O)-$

CH_2-$(CHOH)_nCH_2OH$, -NH-(C=O)-NH-$CH_2(CHOH)_nCHOH$, -O-$(CH_2)_m$-NH-C(=NH)-$N(R^7)_2$, -O-$(CH_2)_m$-$CHNH_2$-$CONR^7R^{10}$, -O-$CH_2CHOHCH_2O$-glucuronide, -OCH_2CO_2H, -$NHCH_2(CHOH)_2$-CH_2OH, -OCH_2CO_2Et, -$NHSO_2CH_3$, -O-$CH_2C(=O)NH_2$, -CH_2NH_2, -$NHCO_2Et$, -$OCH_2CH_2CH_2CH_2OH$, -$CH_2NHSO_2CH_3$, -$OCH_2CH_2CHOHCH_2OH$, -$OCH_2CH_2NHCO_2Et$, -NH-C(=NH_2)-NH_2, –CH_2CH-CH-CH_2OH, -CH_2-CHOH-CH_2-NHBoc, -O-CH_2-CHOH-CH_2-NHBoc, -$OCH_2CH_2CH_2NH_2$, -$OCH_2CH_2NHCH_2(CHOH)_2CH_2OH$, -$OCH_2CH_2NH(CH_2[(CHOH)_2CH_2OH)]_2$, -$(CH_2)_4$-NHBoc, -$(CH_2)_4$-$NH_2$, -$(CH_2)_4$-OH, -$OCH_2CH_2NHSO_2CH_3$, -$(CH_2)_3$-NHBoc, -$(CH_2)_3NH_2$, -O-$CH_2$-CHOH-$CH_2$-NH-C(=NH)-$N(R^7)_2$, para-$(CH_2)_4$-OH, para–O-$(CH_2)_4$-OH, para-$NHSO_2CH_3$, para-$CH_2NH(C=O)O$-$C(CH_3)_3$, para-$NH(C=O)CH_3$, para-$CH_2NH_2$, para-NH-$CO_2C_2H_5$, para-$CH_2NH(C=O)CH_3$, para-$CH_2NHCO_2CH_3$, para-$CH_2NHSO_2CH_3$, para-$(CH_2)_4$-$NH(C=O)OC(CH_3)_3$, para-$(CH_2)_4$-$NH_2$, para-$(CH_2)_3$-$NH(C=O)OC(CH_3)_3$, para-$(CH_2)_3$-$NH_2$, para-$OCH_2CH_2NHCO_2C(CH_3)_3$, para-$OCH_2CH_2NHCO_2C_2H_5$, para-O-$(CH_2)_3$-NH-$CO_2C(CH_3)_3$, para-$O(CH_2)_3$-$NH_2$, para-$OCH_2CH_2NHSO_2CH_3$, para-$OCH_2CHOHCH_2O$-glucuronide, para-$OCH_2CH_2CHOHCH_2OH$, para-$OCH_2$-($\alpha$-$CHOH)_2CH_2OH$, para-$OCH_2$-$(CHOH)_2CH_2OH$, para-$C(=O)NH_2$, para-O-$CH_2$-$(C=O)NHCH_2CHOH$, para–O-$CH_2$-$(C=O)NHCH_2CHOHCH_2OH$, para–O-$CH_2(C=O)NHCH_2(CHOH)_2CH_2OH$, para–O-$CH_2(C=O)NHSO_2CH_3$, para–O-$CH_2(C=O)NHCO_2CH_3$, para–O-$CH_2$-(C=O)NH-$C(C=O)NH_2$, para-(C=NH)-$NH_2$, para-$(CH_2)_3$-NH-C(=NH)-$NH_2$, para-$CH_2NH$-C(=NH)-$NH_2$, para-$NH(C=O)NHCH_2CH_2OH$, para-$O(CH_2)_3$-NH-C(=NH)-$NH_2$, para-$OCH_2$-$CHNH_2$-$CONH_2$, para-$OCH_2CHOH$-$CH_2NHCO_2C(CH_3)_3$, para-$NHCH_2(CHOH)_2CH_2OH$, para-$OCH_2CO_2C(CH_3)_3$, para-$OCH_2CO_2H$, or para-$OCH_2CO_2C_2H_5$;

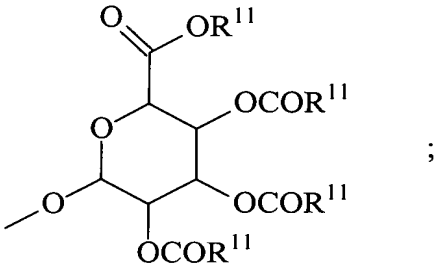
each R^6 is, independently, -R^7, -OR^{11}, -$N(R^7)_2$, -$(CH_2)_m$-OR^8, -O-$(CH_2)_m$-OR^8, -$(CH_2)_n$-NR^7R^{10}, -O-$(CH_2)_m$-NR^7R^{10}, -$(CH_2)_n(CHOR^8)(CHOR^8)_n$-$CH_2OR^8$, -O-$(CH_2)_m(CHOR^8)(CHOR^8)_n$-$CH_2OR^8$, -$(CH_2CH_2O)_m$-$R^8$, -O-$(CH_2CH_2O)_m$-$R^8$, -$(CH_2CH_2O)_m$-$CH_2CH_2NR^7R^{10}$, -O-$(CH_2CH_2O)_m$-$CH_2CH_2NR^7R^{10}$, -$(CH_2)_n$-$C(=O)NR^7R^{10}$, -O-$(CH_2)_m$-$C(=O)NR^7R^{10}$, -$(CH_2)_n$-$(Z)_g$-$R^7$, -O-$(CH_2)_m$-$(Z)_g$-$R^7$, -$(CH_2)_n$-$NR^{10}$-$CH_2(CHOR^8)(CHOR^8)_n$-$CH_2OR^8$, -O-$(CH_2)_m$-$NR^{10}$-$CH_2(CHOR^8)(CHOR^8)_n$-$CH_2OR^8$, -$(CH_2)_n$-$CO_2R^7$, -O-$(CH_2)_m$-$CO_2R^7$, -$OSO_3H$, -O-glucuronide, -O-glucose,



wherein when two R^6 are $-OR^{11}$ and are located adjacent to each other on a phenyl ring, the alkyl moieties of the two R^6 may be bonded together to form a methylenedioxy group;

each R^7 is, independently, hydrogen or lower alkyl;

each R^8 is, independently, hydrogen, lower alkyl, $-C(=O)-R^{11}$, glucuronide, 2-tetrahydropyranyl, or



each R^9 is, independently, $-CO_2R^7$, $-CON(R^7)_2$, $-SO_2CH_3$, or $-C(=O)R^7$;

each R^{10} is, independently, -H, $-SO_2CH_3$, $-CO_2R^7$, $-C(=O)NR^7R^9$, $-C(=O)R^7$, or $-CH_2-(CHOH)_n-CH_2OH$;

each Z is, independently, CHOH, C(=O), $CHNR^7R^{10}$, $C=NR^{10}$, or NR^{10};

each R^{11} is, independently, lower alkyl;

each g is, independently, an integer from 1 to 6;

each m is, independently, an integer from 1 to 7;

each n is, independently, an integer from 0 to 7;

each Q is, independently, $C-R^5$, $C-R^6$, or a nitrogen atom, wherein at most three Q in a ring are nitrogen atoms;

or a pharmaceutically acceptable salt thereof, and

inclusive of all enantiomers, diastereomers, and racemic mixtures thereof.

210. (Previously Presented) The compound of Claim 209, wherein Y is $-NH_2$.

211. (Previously Presented) The compound of Claim 210, wherein R^2 is hydrogen.

212. (Previously Presented) The compound of Claim 211, wherein R^1 is hydrogen.

213. (Previously Presented) The compound of Claim 212, wherein X is chlorine.

214. (Previously Presented) The compound of Claim 213, wherein R^3 is hydrogen.

215. (Previously Presented) The compound of Claim 214, wherein each R^L is hydrogen.

216. (Previously Presented) The compound of Claim 215, wherein o is 4.

217. (Previously Presented) The compound of Claim 216, wherein p is 0.

218. (Previously Presented) The compound of Claim 217, wherein x represents a single bond.

219. (Previously Presented) The compound of Claim 218, wherein each R^6 is hydrogen.

220. (Previously Presented) The compound of Claim 219, wherein at most one Q is a nitrogen atom.

221. (Previously Presented) The compound of Claim 220, wherein no Q is a nitrogen atom.

222. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_4$-OH.

223. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-$(CH_2)_4$-OH.

224. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$NHSO_2CH_3$.

225. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$CH_2NH(C=O)$-$OC(CH_3)_3$.

226. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$NH(C=O)CH_3$.

227. (Previously Presented) The compound of Claim 209, wherein R^5 is para-CH_2NH_2.

228. (Previously Presented) The compound of Claim 209, wherein R^5 is para-NH-$CO_2C_2H_5$.

229. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$CH_2NH(C=O)CH_3$.

230. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$CH_2NHCO_2CH_3$.

231. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$CH_2NHSO_2CH_3$.

232. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_4$-$NH(C=O)OC(CH_3)_3$.

233. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_4$-NH_2.

234. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_3$-$NH(C=O)OC(CH_3)_3$.

235. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_3$-NH_2.

236. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CH_2NHCO_2C(CH_3)_3$.

237. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CH_2NHCO_2C_2H_5$.

238. (Previously Presented) The compound of Claim 209, wherein R^5 is para-O-$(CH_2)_3$-NH-CO_2-$C(CH_3)_3$.

239. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$O(CH_2)_3$-NH_2.

240. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CH_2NHSO_2CH_3$.

241. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CHOHCH_2O$-glucuronide.

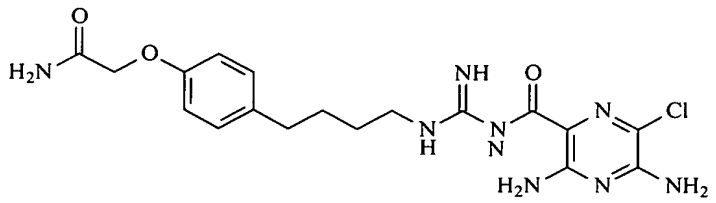
242. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CH_2CHOHCH_2OH$.

243. (Previously Presented) The compound of Claim 209, wherein R^5 is para-OCH_2-$(\alpha$-$CHOH)_2CH_2OH$.

244. (Previously Presented) The compound of Claim 209, wherein R^5 is para-OCH_2-$(CHOH)_2CH_2OH$.

245. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$C(=O)NH_2$.

246. (Previously Presented) The compound of Claim 209, which is represented by the formula:



247. (Previously Presented) The compound of Claim 209, which is the methane sulfonic acid salt.

248. (Previously Presented) The compound of Claim 209, wherein R^5 is para-O-CH_2-(C=O)$NHCH_2CHOH$.

249. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-CH_2-(C=O)$NHCH_2CHOHCH_2OH$.

250. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-CH_2(C=O)$NHCH_2(CHOH)_2CH_2OH$.

251. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-CH_2(C=O)$NHSO_2CH_3$.

252. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-CH_2(C=O)$NHCO_2CH_3$.

253. (Previously Presented) The compound of Claim 209, wherein R^5 is para–O-CH_2-(C=O)NH-C(C=O)NH_2.

254. (Previously Presented) The compound of Claim 209, wherein R^5 is –O-CH_2-(C=O)NH-(C=O)CH_3.

255. (Previously Presented) The compound of Claim 209, wherein R^5 is $(CH_2)_n$-(C=NH)-NH_2.

256. (Previously Presented) The compound of Claim 209, wherein R^5 is para-(C=NH)-NH_2.

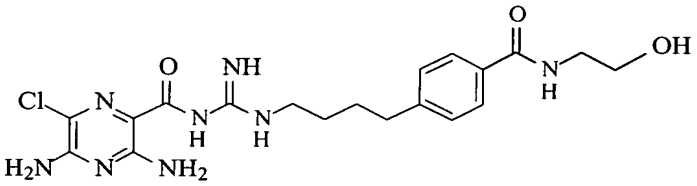
257. (Previously Presented) The compound of Claim 209, wherein R^5 is $(CH_2)_n$-NH-C(=NH)-NH_2.

258. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$(CH_2)_3$-NH-C(=NH)-NH_2.

259. (Previously Presented) The compound of Claim 209, wherein R^5 is para-CH_2NH-C(=NH)-NH_2.

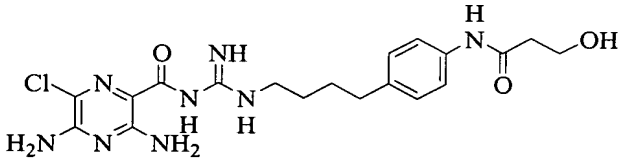
260. (Previously Presented) The compound of Claim 209, wherein R^5 is $(CH_2)_n$-$CONHCH_2(CHOH)_n$-CH_2OH.

261. (Previously Presented) The compound of Claim 209, which is represented by the formula:



262. (Previously Presented) The compound of Claim 209, wherein R^5 is NH-C(=O)-CH_2-$(CHOH)_nCH_2OH$.

263. (Previously Presented) The compound of Claim 209, which is represented by the formula:

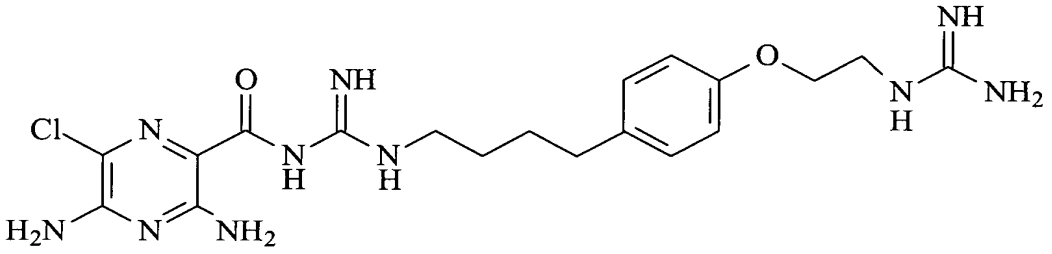


264. (Previously Presented) The compound of Claim 209, wherein R^5 is -NH-(C=O)-NH-$CH_2(CHOH)_nCHOH$.

265. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$NH(C=O)NHCH_2CH_2OH$.

266. (Previously Presented) The compound of Claim 209, wherein R^5 is -O-$(CH_2)_m$-NH-C(=NH)-$N(R^7)_2$.

267. (Previously Presented) The compound of Claim 209, which is represented by the formula:



268. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$O(CH_2)_3$-NH-C(=NH)-NH_2.

269. (Previously Presented) The compound of Claim 209, wherein R^5 is -O-$(CH_2)_m$-$CHNH_2$-$CONR^7R^{10}$.

270. (Previously Presented) The compound of Claim 209, wherein R^5 is para-OCH_2-$CHNH_2$-$CONH_2$.

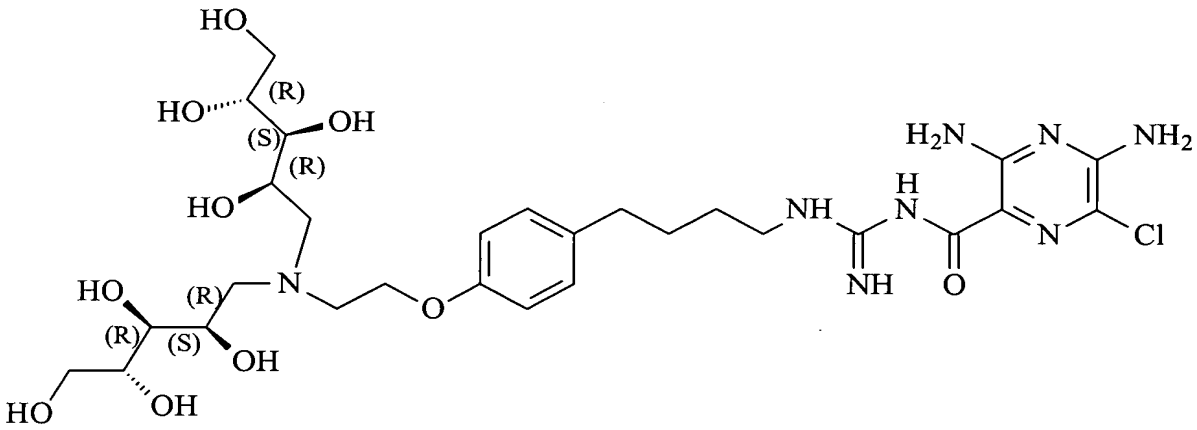
271. (Previously Presented) The compound of Claim 209, which is the (R) enantiomer.

272. (Previously Presented) The compound of Claim 209, which is the (S) enantiomer.

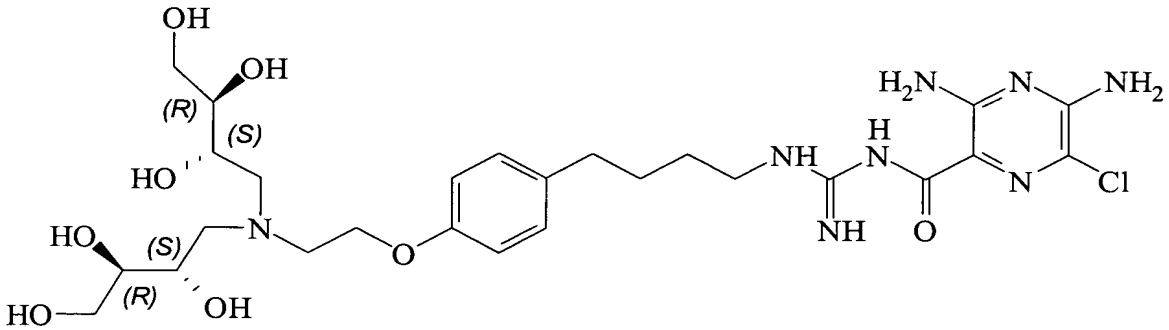
273. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CHOH\text{-}CH_2NHCO_2C(CH_3)_3$.

274. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$NHCH_2(CHOH)_2CH_2OH$.

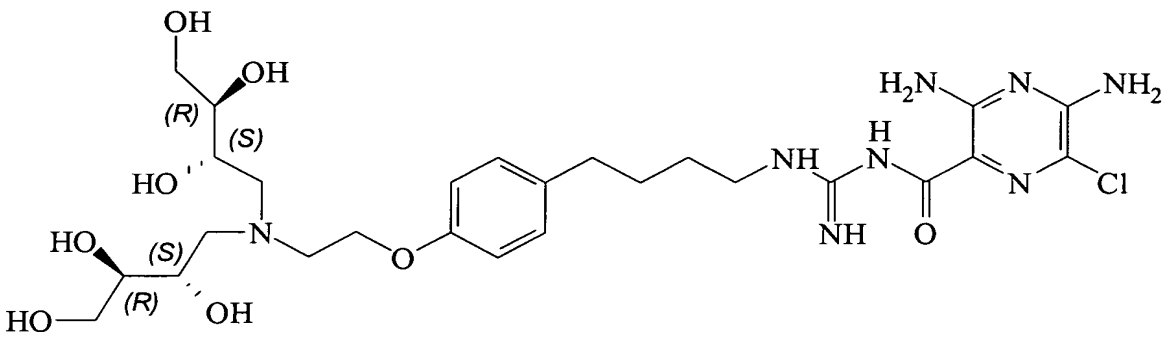
275. (Previously Presented) The compound of Claim 209, which is represented by the formula:



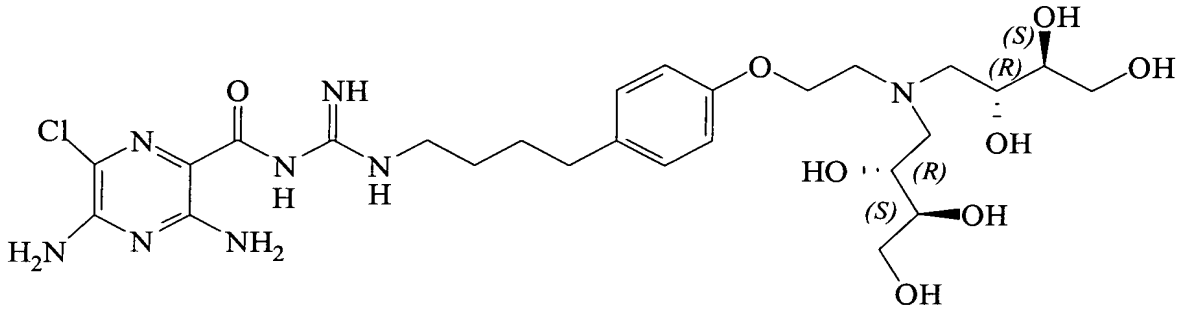
276. (Previously Presented) The compound of Claim 209, which is represented by the formula:



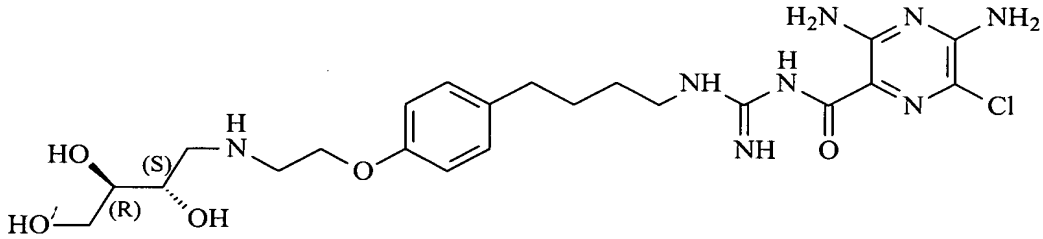
277. (Previously Presented) The compound of Claim 209, which is represented by the formula:



278. (Previously Presented) The compound of Claim 209, which is represented by the formula:



279. (Previously Presented) The compound of Claim 209, which is represented by the formula:



280. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CO_2C(CH_3)_3$.

281. (Previously Presented) The compound of Claim 209, wherein R^5 is para-OCH_2CO_2H.

282. (Previously Presented) The compound of Claim 209, wherein R^5 is para-$OCH_2CO_2C_2H_5$.

283. (Previously Presented) The compound of Claim 209, wherein
X is halogen;
Y is $-N(R^7)_2$;
R^1 is hydrogen or C_1-C_3 alkyl;
R^2 is $-R^7$, $-(CH_2)_m-OR^8$, or $-(CH2)_n-CO_2R^7$;
R^3 is a group represented by formula (A); and
R^4 is hydrogen, a group represented by formula (A), or lower alkyl.

284. (Previously Presented) The compound of Claim 209, wherein
X is chloro or bromo;
Y is $-N(R^7)_2$;
R^2 is hydrogen or C_1-C_3 alkyl;
at most three R^6 are other than hydrogen as defined above;
at most three R^L are other than hydrogen as defined above; and
at most 2 Q are nitrogen atoms.

285. (Previously Presented) The compound of Claim 209, wherein Y is $-NH_2$.

286. (Previously Presented) The compound of Claim 209, wherein R^4 is hydrogen;
at most one R^L is other than hydrogen as defined above;
at most two R^6 are other than hydrogen as defined above; and
at most 1 Q is a nitrogen atom.

287. (Previously Presented) The compound of Claim 209, wherein R^5 is
$-O-CH_2CHOHCH_2O$-glucuronide,
$-OCH_2CO_2H$,
$-NHCH_2(CHOH)_2-CH_2OH$,
$-OCH_2CO_2Et$,
$-NHSO_2CH_3$,
$-O-CH_2C(=O)NH_2$,
$-CH_2NH_2$,

-$NHCO_2Et$,

-$OCH_2CH_2CH_2CH_2OH$,

-$CH_2NHSO_2CH_3$,

-$OCH_2CH_2CHOHCH_2OH$,

-$OCH_2CH_2NHCO_2Et$,

-NH-C(=NH_2)-NH_2,

–CH_2CH-CH-CH_2OH,

-CH_2-CHOH-CH_2-NHBoc,

-O-CH_2-CHOH-CH_2-NHBoc,

-$OCH_2CH_2CH_2NH_2$,

-$OCH_2CH_2NHCH_2(CHOH)_2CH_2OH$,

-$OCH_2CH_2NH(CH_2[(CHOH)_2CH_2OH)]_2$,

-$(CH_2)_4$-NHBoc,

-$(CH_2)_4$-NH_2,

-$(CH_2)_4$-OH,

-$OCH_2CH_2NHSO_2CH_3$,

-$(CH_2)_3$-NH Boc,

-$(CH_2)_3NH_2$, or

-O-CH_2-CHOH-CH_2-NH-C(=NH)-$N(R^7)_2$.

288. (Previously Presented) The compound of Claim 209, wherein

X is chloro or bromo;

Y is -$N(R^7)_2$;

R^1 is hydrogen or C_1-C_3 alkyl;

R^2 is hydrogen or C_1-C_3 alkyl;

R^3 is a group represented by formula (A); and

R^4 is hydrogen, a group represented by formula (A), or lower alkyl;

at most three R^6 are other than hydrogen as defined above;

at most three R^L are other than hydrogen as defined above; and

at most 2 Q are nitrogen atoms.

289. (Previously Presented) The compound of Claim 288, wherein
R^4 is hydrogen;
at most one R^L is other than hydrogen as defined above;
at most two R^6 are other than hydrogen as defined above; and
at most 1 Q is a nitrogen atom.

290. (Previously Presented) The compound of Claim 289, wherein
X is chloro or bromo;
Y is $-N(R^7)_2$;
R^1 is hydrogen or C_1-C_3 alkyl;
R^2 is hydrogen or C_1-C_3 alkyl;
R^3 is a group represented by formula (A); and
R^4 is hydrogen, a group represented by formula (A), or lower alkyl;
at most three R^6 are other than hydrogen as defined above;
at most three R^L are other than hydrogen as defined above; and
at most 2 Q are nitrogen atoms.

291. (Previously Presented) The compound of Claim 290, wherein
R^4 is hydrogen;
at most one R^L is other than hydrogen as defined above;
at most two R^6 are other than hydrogen as defined above; and
at most 1 Q is a nitrogen atom.

292. (Previously Presented) The compound of Claim 209, wherein x is a single bond.

293. (Previously Presented) The compound of Claim 209, which is in the form of a pharmaceutically acceptable salt.

294. (Previously Presented) A composition, comprising:
the compound of Claim 209; and
a P2Y2 receptor agonist.

295. (Previously Presented) A composition, comprising:
the compound of Claim 209; and
a bronchodilator.

296. (Previously Presented) A pharmaceutical composition, comprising the compound of Claim 209 and a pharmaceutically acceptable carrier.

297. (Previously Presented) A method of promoting hydration of mucosal surfaces, comprising:
administering an effective amount of the compound of Claim 209 to a mucosal surface of a subject.

298. (Previously Presented) A method of restoring mucosal defense, comprising:
topically administering an effective amount of the compound of Claim 209 to a mucosal surface of a subject in need thereof.

299. (Previously Presented) A method of blocking sodium channels, comprising:
contacting sodium channels with an effective amount of the compound of Claim 209.

300. (Previously Presented) A method of treating chronic bronchitis, comprising:
administering an effective amount of the compound of Claim 209 to a subject in need thereof.

301. (Previously Presented) A method of treating cystic fibrosis, comprising:
administering an effective amount of the compound of Claim 209 to a subject in need thereof.

302. (Previously Presented) A method of treating sinusitis, comprising:
administering an effective amount of the compound of Claim 209 to a subject in need thereof.

303. (Previously Presented) A method of treating vaginal dryness, comprising:
administering an effective amount of the compound of Claim 209 to the vaginal tract of a subject in need thereof.

304. (Previously Presented) A method of treating dry eye, comprising:

administering an effective amount of the compound of Claim 209 to the eye of a subject in need thereof.

305. (Previously Presented) A method of promoting ocular hydration, comprising:

administering an effective amount of the compound of Claim 209 to the eye of a subject.

306. (Previously Presented) A method of promoting corneal hydration, comprising:

administering an effective amount of the compound of Claim 209 to the eye of a subject.

307. (Previously Presented) A method of promoting mucus clearance in mucosal surfaces, comprising:

administering an effective amount of the compound of Claim 209 to a mucosal surface of a subject.

308. (Previously Presented) A method of treating Sjogren's disease, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

309. (Previously Presented) A method of treating distal intestinal obstruction syndrome, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

310. (Previously Presented) A method of treating dry skin, comprising:

administering an effective amount of the compound of Claim 209 to the skin of a subject in need thereof.

311. (Previously Presented) A method of treating esophagitis, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

312. (Previously Presented) A method of treating dry mouth (xerostomia), comprising:

administering an effective amount of the compound of Claim 209 to the mouth of a subject in need thereof.

313. (Previously Presented) A method of treating nasal dehydration, comprising:

administering an effective amount of the compound of Claim 209 to the nasal passages of a subject in need thereof.

314. (Previously Presented) The method of Claim 211, wherein the nasal dehydration is brought on by administering dry oxygen to the subject.

315. (Previously Presented) A method of preventing ventilator-induced pneumonia , comprising:

administering an effective amount of the compound of Claim 209 to a subject on a ventilator.

316. (Previously Presented) A method of treating asthma, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

317. (Previously Presented) A method of treating primary ciliary dyskinesia, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

318. (Previously Presented) A method of treating otitis media, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

319. (Previously Presented) A method of inducing sputum for diagnostic purposes, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

320. (Previously Presented) A method of treating chronic obstructive pulmonary disease, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

321. (Previously Presented) A method of treating emphysema, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

322. (Previously Presented) A method of treating pneumonia, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

323. (Previously Presented) A method of treating constipation, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

324. (Previously Presented) The method of Claim 321, wherein the compound is administered orally or via a suppository or enema.

325. (Previously Presented) A method of treating chronic diverticulitis, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

326. (Previously Presented) A method of treating rhinosinusitis, comprising:

administering an effective amount of the compound of Claim 209 to a subject in need thereof.

327. (Previously Presented) A method of treating hypertension, comprising administering the compound of Claim 209 to a subject in need thereof.

328. (Previously Presented) A method of reducing blood pressure, comprising administering the compound of Claim 209 to a subject in need thereof.

329. (Previously Presented) A method of treating edema, comprising administering the compound of Claim 209 to a subject in need thereof.

330. (Previously Presented) A method of promoting diuresis, comprising administering the compound of Claim 209 to a subject in need thereof.

331. (Previously Presented) A method of promoting natriuresis, comprising administering the compound of Claim 209 to a subject in need thereof.

332. (Previously Presented) A method of promoting saluresis, comprising administering the compound of Claim 209 to a subject in need thereof.

333. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_4$-OH.

334. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-$(CH_2)_4$-OH.

335. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$NHSO_2CH_3$.

336. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$CH_2NH(C{=}O)$-$OC(CH_3)_3$.

337. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$NH(C{=}O)CH_3$.

338. (Previously Presented) The compound of Claim 221, wherein R^5 is para-CH_2NH_2.

339. (Previously Presented) The compound of Claim 221, wherein R^5 is para-NH-$CO_2C_2H_5$.

340. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$CH_2NH(C=O)CH_3$.

341. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$CH_2NHCO_2CH_3$.

342. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$CH_2NHSO_2CH_3$.

343. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_4$-$NH(C=O)OC(CH_3)_3$.

344. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_4$-NH_2.

345. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_3$-$NH(C=O)OC(CH_3)_3$.

346. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_3$-NH_2.

347. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CH_2NHCO_2C(CH_3)_3$.

348. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CH_2NHCO_2C_2H_5$.

349. (Previously Presented) The compound of Claim 221, wherein R^5 is para-O-$(CH_2)_3$-NH-CO_2-$C(CH_3)_3$.

350. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$O(CH_2)_3$-NH_2.

351. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CH_2NHSO_2CH_3$.

352. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CHOHCH_2O$-glucuronide.

353. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CH_2CHOHCH_2OH$.

354. (Previously Presented) The compound of Claim 221, wherein R^5 is para-OCH_2-$(\alpha$-$CHOH)_2CH_2OH$.

355. (Previously Presented) The compound of Claim 221, wherein R^5 is para-OCH_2-$(CHOH)_2CH_2OH$.

356. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$C(=O)NH_2$.

357. (Previously Presented) The compound of Claim 221, which is the methane sulfonic acid salt.

358. (Previously Presented) The compound of Claim 221, wherein R^5 is para-O-CH_2-$(C=O)NHCH_2CHOH$.

359. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-CH_2-$(C=O)NHCH_2CHOHCH_2OH$.

360. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-$CH_2(C=O)NHCH_2(CHOH)_2CH_2OH$.

361. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-$CH_2(C=O)NHSO_2CH_3$.

362. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-$CH_2(C=O)NHCO_2CH_3$.

363. (Previously Presented) The compound of Claim 221, wherein R^5 is para–O-CH_2-$(C=O)NH$-$C(C=O)NH_2$.

364. (Previously Presented) The compound of Claim 221, wherein R^5 is –O-CH_2-$(C=O)NH$-$(C=O)CH_3$.

365. (Previously Presented) The compound of Claim 221, wherein R^5 is $(CH_2)_n$-$(C=NH)$-NH_2.

366. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(C=NH)$-NH_2.

367. (Previously Presented) The compound of Claim 221, wherein R^5 is $(CH_2)_n$-NH-$C(=NH)$-NH_2.

368. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$(CH_2)_3$-NH-$C(=NH)$-NH_2.

369. (Previously Presented) The compound of Claim 221, wherein R^5 is para-CH_2NH-$C(=NH)$-NH_2.

370. (Previously Presented) The compound of Claim 221, wherein R^5 is $(CH_2)_n$-$CONHCH_2(CHOH)_n$-CH_2OH.

371. (Previously Presented) The compound of Claim 221, wherein R^5 is NH-C(=O)-CH_2-$(CHOH)_nCH_2OH$.

372. (Previously Presented) The compound of Claim 221, wherein R^5 is -NH-(C=O)-NH-$CH_2(CHOH)_nCHOH$.

373. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$NH(C=O)NHCH_2CH_2OH$.

374. (Previously Presented) The compound of Claim 221, wherein R^5 is -O-$(CH_2)_m$-NH-C(=NH)-$N(R^7)_2$.

375. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$O(CH_2)_3$-NH-C(=NH)-NH_2.

376. (Previously Presented) The compound of Claim 221, wherein R^5 is -O-$(CH_2)_m$-$CHNH_2$-$CONR^7R^{10}$.

377. (Previously Presented) The compound of Claim 221, wherein R^5 is para-OCH_2-$CHNH_2$-$CONH_2$.

378. (Currently Amended) The compound of Claim 377 ~~221~~, which is the (R) enantiomer.

379. (Currently Amended) The compound of Claim 377 ~~221~~, which is the (S) enantiomer.

380. (Previously Presented) The compound of Claim 221, wherein R^5 is para-OCH_2CHOH-$CH_2NHCO_2C(CH_3)_3$.

381. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$NHCH_2(CHOH)_2CH_2OH$.

382. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CO_2C(CH_3)_3$.

383. (Previously Presented) The compound of Claim 221, wherein R^5 is para-OCH_2CO_2H.

384. (Previously Presented) The compound of Claim 221, wherein R^5 is para-$OCH_2CO_2C_2H_5$.

Claims 385-388: Canceled.

389. (Previously Presented) The compound of Claim 221, wherein R^5 is
-O-$CH_2CHOHCH_2O$-glucuronide,
-OCH_2CO_2H,
-$NHCH_2(CHOH)_2$-CH_2OH,
-OCH_2CO_2Et,
-$NHSO_2CH_3$,
-O-$CH_2C(=O)NH_2$,
-CH_2NH_2,
-$NHCO_2Et$,
-$OCH_2CH_2CH_2CH_2OH$,
-$CH_2NHSO_2CH_3$,
-$OCH_2CH_2CHOHCH_2OH$,
-$OCH_2CH_2NHCO_2Et$,
-NH-$C(=NH_2)$-NH_2,
–CH_2CH-CH-CH_2OH,
-CH_2-CHOH-CH_2-NHBoc,
-O-CH_2-CHOH-CH_2-NHBoc,
-$OCH_2CH_2CH_2NH_2$,
-$OCH_2CH_2NHCH_2(CHOH)_2CH_2OH$,
-$OCH_2CH_2NH(CH_2[(CHOH)_2CH_2OH)]_2$,
-$(CH_2)_4$-NHBoc,
-$(CH_2)_4$-NH_2,
-$(CH_2)_4$-OH,

$-OCH_2CH_2NHSO_2CH_3$,

$-(CH_2)_3$-NH Boc,

$-(CH_2)_3NH_2$, or

$-O-CH_2-CHOH-CH_2-NH-C(=NH)-N(R^7)_2$.

Claims 390-394: Canceled.

395. (Previously Presented) The compound of Claim 221, which is in the form of a pharmaceutically acceptable salt.

396. (Previously Presented) The compound of Claim 270, which is the (R) enantiomer.

397. (Previously Presented) The compound of Claim 270, which is the (S) enantiomer.